Index of Claims

Application No.

09/758,820

Examiner

Jan Mooneyham

Applicant(s)

GHOSH ET AL.

Art Unit

3629

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla   | aim           | Date           |            |         |              |          |              | $\neg$       | :::i <b>i</b> | Cla    | aim  |            | Date            |                               |   |   |          | 7:::            | Г                       | Cla          | eim         | -        |          | Date     |          |  |  |  |  |              |               |               |
|---|---------------|----------------|------------|---------|--------------|----------|--------------|--------------|---------------|--------|--|------------|-----------------|-------------------------------|---|---|----------|-----------------|-------------------------|--------------|-------------|----------|----------|----------|----------|--|--|--|--|--------------|---------------|---------------|
|   |               |                |            |         |              | ᅥ        |              |              |               | П      |  |            |                 |                               | 1   | $\vdash$  | Ī        |                 |                         | $\neg$       |             | Ť        | Τ̈́      |          | Т        |  | _  |  |  |              |               |               |
| <del></del>   | Original      |                |            | 1       |              | П        |              |              |               |        | m  | Original   |                 |                               |   |   |          | -               |                         |              | 7           | ╗╽       | Original | 1        | I        |  |  |  |  |              |               |               |
| Final   | ij            | 14             |            | 1       | 1            |          |              |              |               |        | Final  | i <u>ë</u> |                 |                               |   |   |          |                 |                         |              | إ.          | <u> </u> | įğι      |          | Į        |  | - 1  | ļ  | ļ  |              |               |               |
| L L   | ō             | _              |            |         |              |          |              |              |               |        | ш  | ŏ          |                 |                               |   |   |          |                 |                         |              | "           | -        | õ        |          | Į        |  |  |  |  |              |               |               |
| L.,   | $\overline{}$ | 04             | _          | 4       | ┺            |          |              | -            | 괵             |        |  |            |                 |                               |   | ₩   | ⊢        | +               |                         | -1:::        | -           |          | 404      | -        | -        |  |  | _  | -  |              | $\dashv$      |               |
| <u> </u>  | 1             | 2              |            | 4       | ↓            | Ш        | <u> </u>     | $\sqcup$     | _             |        |  | 51         | $\vdash$        | $\dashv$                      |   | <del> </del>                                      | $\vdash$ | _               | -                       | 4::          | -           |          | 101      | _        | $\dashv$ | $\dashv$   | _  | -  | $\dashv$   | $\dashv$     | -             | —             |
| _   | 2             | U,             |            | ↓_      | ↓_           |          | L.           | Ш            | _             |        |  | 52         |                 | _                             | ┷   | —   | $\vdash$ |                 | -                       | -            | <u> </u>    | _        | 102      |          |          | _  | _  | -1   | _  | _            | $\dashv$      |               |
|   | 3             | 4              | _ _        | ┸       | ↓_           | Ш        |              | Щ            | ᆜ             |        |  | 53         |                 | _                             |   | —   | $\sqcup$ | -               | $\bot$                  | -4:::        | <u> </u>    |          | 103      | _        | _        | _  |  | _  |  | _            | -             |               |
|   | 4             | 1              |            |         | ┷            |          |              | Ш            | _             |        |  | 54         | $\sqcup$        |                               |   | ــــــ  |          | -               | $\bot$                  | 4:::         | <u> </u>    | _        | 104      |          | _        | Щ  |  |  |  | $\dashv$     | -             |               |
|   | 5             | 4              |            |         | ┸            |          |              |              | _             |        |  | 55         | Ш               | _                             |   | ┷   |          |                 | $\bot$                  | 4:::         | <u> </u>    | _        | 105      |          | _        |  |  |  | _  |              | $\dashv$      |               |
|   | 6             |                |            | $\perp$ |              |          |              | Ш            |               |        |  | 56         | $\sqcup$        | 丄                             |   | 丄   | Ш        | _               | _                       | _:::         | L           | _        | 106      |          | _        |  |  | _  |  |              | 4             | _             |
|   | 7             | 4              |            | $\perp$ | _            |          | 匚            |              | _             |        |  | 57         | $\sqcup$        |                               |   | 丄   | Ш        | $\perp$         | 4                       | _ :::        | L           | _        | 107      |          |          | Щ  | _  |  |  | $\Box$       |               | _             |
|   | 8             | 5              | $\perp$    | $\perp$ |              |          |              |              |               |        |  | 58         | Ш               |                               |   | 1_  | Ш        | _               | _                       | _            | L           | _        | 108      |          |          |  |  |  |  |              | _             | _             |
|   | 9             | $ \mathbf{v} $ |            |         |              |          |              |              |               |        |  | 59         | Ш               |                               |   |   | Ш        |                 |                         | _            | L           | _        | 109      |          |          |  |  | Щ  |  |              | _             |               |
|   | 10            | 1              |            |         |              |          | ·            |              |               |        |  | 60         |                 |                               |   | $\bot$  |          |                 |                         | _            | L           |          | 110      |          |          |  |  |  |  |              |               |               |
|   | 11            | V              | П          | Ι       |              |          |              |              |               |        |  | 61         |                 |                               |   | L   |          |                 |                         |              | L           |          | 111      |          |          |  |  |  |  |              | $\Box$        |               |
|   | 12            | U              |            | Ι       |              | Г        |              |              |               |        |  | 62         |                 | $\Box$                        |   |   | Ш        | $\Box$          | $oxed{\Box}$            |              | L           |          | 112      |          |          |  |  |  |  |              |               | _             |
|   | 13            | 1              | 丁          |         |              |          |              |              |               |        |  | 63         |                 | $\_\mathbb{I}$                | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          | $\Box$          |                         |              | L           | ]        | 113      |          |          |  |  |  | تــــــــــــــــــــــــــــــــــــــ          |              |               | _             |
|   | 14            | ᄀ              | 1          |         |              |          |              |              |               |        |  | 64         |                 |                               | $oxed{\Box}$                                      | $\mathbf{I}^{-}$                                  |          | $oxed{\int}$    | $oldsymbol{\mathbb{T}}$ |              |             |          | 114      |          |          |  |  |  |  |              |               | _             |
|   | 15            | 7              | $\neg$     | T       | Τ            | $I^-$    | 1            | П            |               |        |  | 65         |                 |                               | T   |   |          | $\Box$          |                         |              |             |          | 115      |          |          |  |  |  |  |              |               |               |
|   | 16            | V              | _          | T       | T            | 1        | İ            | П            |               |        |  | 66         | П               |                               | T   | T   |          | $\top$          | T                       |              |             |          | 116      |          |          |  |  |  |  |              |               |               |
| <u> </u>  | 17            | 6              | $\neg$     | $\top$  | $\top$       |          | Π            | П            |               |        |  | 67         | П               | $\neg$                        | T   | $\top$  | П        | $\neg$          | $\neg$                  |              |             |          | 117      |          |          |  |  |  |  |              |               |               |
|   | 18            | U              | -          | 1       | $\top$       | Т        | $\vdash$     | П            |               |        |  | 68         | П               | $\top$                        | $\top$  | $\top$  | П        | 一               | $\top$                  | 7            |             |          | 118      |          |          |  |  |  |  | $\Box$       |               | _             |
| <b></b> `   | 19            |                | $\dashv$   | $\top$  | T            | +        | Τ            | П            |               |        | Τ.   | 69         | П               | $\top$                        | $\top$  | $\top$  | П        | 一十              | 十                       |              |             | T        | 119      |          |          |  |  |  |  |              | $\neg$        | _             |
| <u> </u>  | 20            | 2              | $\dashv$   | $\top$  | +-           | $\vdash$ | T            | Н            | $\Box$        |        |  | 70         | Н               | 十                             | _   | $\top$  | П        | $\dashv$        | 十                       |              |             |          | 120      |          |          |  |  |  | Г  | П            | $\neg$        | _             |
|   | 21            | 5              |            | +       | +            | $\vdash$ | †            | H            |               |        | <b></b>  | 71         | $\vdash$        | +                             | +   | +   | Н        | $\dashv$        | 十                       | <b>-</b>  :: | $\vdash$    |          | 121      | Г        |          | Т  | T  | Г  |  | $\square$    | $\neg$        | Г             |
| <del></del>   | 22            | 1              |            | +       | +            | $\vdash$ | <del> </del> | Н            | $\vdash$      |        | <del>                                     </del> | 72         | H               | +                             | +   | +   | H        | 十               | 十                       | -            | $\vdash$    |          | 122      | <u> </u> | Н        | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | H            | $\neg$        | Г             |
| <del></del>   | 23            | -              | $\dashv$   | +       | +            | ╁        | ┼─           | Н            |               |        | <del>                                     </del> | 73         | $\vdash$        | +                             | +   | +   | H        | $\dashv$        | $\dashv$                | -            | $\vdash$    |          | 123      | $\vdash$ |          | $\vdash$   |  | $\vdash$   | $\vdash$   | Н            | $\dashv$      | $\overline{}$ |
| <del> </del>  | 24            | 7              | +          | +       | +            | $\vdash$ | $\vdash$     | $\vdash$     |               |        | <u> </u>   | 74         | $\vdash \vdash$ | -+                            | +   | +   | Н        | +               | $\dashv$                | -            | $\vdash$    |          | 124      | $\vdash$ | $\vdash$ | <del>                                     </del> |  | $\vdash$   | <del>                                     </del> | Н            | $\dashv$      | _             |
| <u> </u>  | 25            | ۲              | -          | ╁╌      | +            | ╁╌       | ╁            | $\vdash$     |               |        | <del> </del>                                     | 75         | H               | -                             | +-  | +   | H        | +               | +                       | -            | $\vdash$    |          | 125      | -        |          | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | H            | $\dashv$      | Г             |
| <u> </u>  |               |                | +-         | +       | +-           | ╁        |              | $\vdash$     | -             |        | <b></b> -  | 76         | $\vdash$        | +                             | +   | +-  | $\vdash$ | $\dashv$        | +                       | -            | $\vdash$    |          | 126      | -        | H        | $\vdash$   | -  | $\vdash$   | <del> </del>                                     | Н            | $\vdash$      |               |
| <u> </u>  | 26            | 14             | -          | +       | +-           | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$      |        | <u> </u>   | 77         | $\vdash$        |                               | +-  | +   | $\vdash$ | $\dashv$        | $\dashv$                | - ::         | $\vdash$    |          | 127      | <u> </u> | $\vdash$ | -  |  | $\vdash$   | -  | Н            | П             | _             |
| <u> </u>  | 27            | W              |            | +       | +            | ╀        | ┼            | -            |               |        | <del> </del>                                     |            | $\vdash$        |                               | +-  | +   | $\vdash$ | $\dashv$        | $\dashv$                | - ::         | $\vdash$    |          | 128      | -        | $\vdash$ | ├-   | ⊢  | $\vdash$   | ├-   | Н            | М             | _             |
|   | 28            | 4              | -          | +       | +            | $\vdash$ | -            | $\vdash$     | $\vdash$      |        | <u> </u>   | 78         | $\vdash$        | -                             | +   | +   | $\vdash$ | $\dashv$        | +                       | - :::        | -           |          |          | $\vdash$ | ⊢        | -  | $\vdash$   | -  | ⊢  | Н            | ,<br>         | $\vdash$      |
| <u> </u>  | 29            | 4              |            | +       | +-           | ╄        | $\vdash$     | $\vdash$     | Щ             |        | <u> </u>   | 79         | $\vdash$        |                               | +   | +-  | $\vdash$ | -               | +                       | - :::        | -           |          | 129      | $\vdash$ | ⊢        | -  | -  | $\vdash$   | <u> </u>   | $\vdash$     | $\overline{}$ | -             |
| ļ   | 30            | 4              | $\perp$    | 1       | +            |          | ┞            |              | <u> </u>      |        | <u> </u>   | 80         | $\vdash \vdash$ | -+                            | +   | -   | $\vdash$ | $\dashv$        | +                       | -4::         | -           |          | 130      | -        | $\vdash$ |  | $\vdash$   | $\vdash$   | -  | Н            | $\vdash$      | -             |
| <u></u>   | 31            | 1              | _          | - -     | +            | 1        | ╀            | <u> </u>     | L.            |        | <u> </u>   | 81         | $\vdash$        | +                             |   | +-  | $\vdash$ | $\dashv$        | +                       |              | <u> </u>    |          | 131      | -        | -        | ⊢  | ├  | ₩  |  | Н            | Н             | $\vdash$      |
| $ldsymbol{le}}}}}}$ | 32            | <u>'</u>       |            |         | $\perp$      | ↓        | $\vdash$     | <del> </del> | Щ.            |        | <u> </u>   | 82         | $\vdash$        | $\dashv$                      |   | +-  | 1        | $\dashv$        | 4                       |              | -           |          | 132      | _        | _        | <u> </u>   | $\vdash$   | $\vdash$   | -  | $\vdash$     | <b>-</b>      | $\vdash$      |
|   | 33/34         | 1              | _          | $\perp$ | _            | 1_       | 1_           | $\vdash$     |               |        | <u> </u>   | 83         | $\sqcup$        |                               | $\perp$   |   | $\vdash$ |                 | 4                       | 4::          | -           |          | 133      | _        | $\vdash$ | <del>  -</del>                                   | <del>  -</del>                                   | $\vdash$   | <b>—</b>   | Н            | $\vdash$      | $\vdash$      |
| _   | <u>(34)</u>   | /              |            | $\perp$ | 1            | 1_       | 1            | _            | <u> </u>      |        |  | 84         | $\sqcup$        | _                             | $\bot$  | $\bot$  | ↓_       |                 | $\bot$                  | 4            | : -         |          | 134      | <u> </u> | <u> </u> | ⊢-   | <del> </del>                                     | ₩  | ┞  | Н            | <u> </u>      | $\vdash$      |
|   | 35            | 1              | _          | $\perp$ |              | 丄        | 1            |              | <u>L</u>      |        |  | 85         | Ш               | $\perp$                       | $\perp$   | _   | $\perp$  | $\sqcup$        | $\perp$                 | _ ::         | ::  <u></u> |          | 135      | _        | _        | ⊢-   | ├-   | <u> </u>   | <u> </u>   | Ш            | ├—            | $\vdash$      |
|   | 36            | 1              | $\perp$    | $\perp$ | $\perp$      | _        | 1            | <u> </u>     | <u>_</u>      |        | <u> </u>   | 86         | Ш               | _                             | $\perp$   | 4   | _        | $\sqcup$        | $\perp$                 | _ ::         | <u> </u>    |          | 136      | L-       | <b>_</b> | ↓_   | ↓_   | -  | <u> </u>   |              | <u> — </u>    | $\vdash$      |
|   | 37            | 7              |            | L       |              |          | 1_           | _            | <u>_</u>      |        | L  | 87         | Ш               | $\perp$                       | $\perp$   | 丄   | <u> </u> |                 | $\perp$                 | _ ::         | <u> </u>    |          | 137      | L-       | <b>L</b> | <u> </u>   | <u> </u>   | <u> </u>   | $ldsymbol{eta}$                                  | <b> </b>     | <u> </u>      | L             |
|   | 38            | 1              |            |         |              |          |              |              | <u> </u>      |        |  | 88         | Ш               | $\sqcup \! \! \! \! \! \perp$ |   | $\perp$   | L        | $\sqcup$        | $\perp$                 | _            | _           |          | 138      | L        | L        | L  | <u> </u>   | L  | $\perp$  | L_           | <b>L</b>      | L             |
|   | 739           | ) <u> </u>     |            |         |              |          |              | $\Box$       |               |        |  | 89         |                 |                               |   |   |          | $\Box$          | $\perp$                 | _[::         | L           |          | 139      | <u> </u> |          | <u></u>  | _  |  | _  | $oxed{oxed}$ | _             | L             |
|   | 40            | 10             |            |         | $oxed{\Box}$ | $\prod$  |              |              |               |        |  | 90         |                 |                               |   |   |          |                 |                         |              | : L         |          | 140      | <u>L</u> |          |  | $\bot$   | <u></u>  | $oxed{oxed}$                                     |              |               | L             |
|   | 41            | 1              |            | J       | Τ            |          | $L^-$        | $\Box$       |               |        |  | 91         |                 | $\Box \mathbb{I}$             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\perp$   | L        |                 | $\perp$                 | _]::         | ĿĹ          |          | 141      |          |          |  | L  |  |  |              | _             | L             |
| $\Box$  | 42            |                |            | 7       |              |          |              |              |               |        |  | 92         |                 |                               |   | $\mathbb{I}^{-}$                                  |          |                 |                         |              | Œ           |          | 142      | $\Box$   | Ĺ        | Ĺ  | $\perp$  | 匚  | Ĺ  |              |               | Ĺ             |
|   | 43            | 1              | $\neg$     | $\top$  | Τ            | Т        | T            |              |               |        |  | 93         |                 |                               |   | T   |          |                 | T                       |              |             |          | 143      | $\Box$   |          | Ĺ  | Ĺ  | $\Box$   |  | L            | L             | Ĺ             |
|   | 44            | Т              |            | ┪       | T            |          | 1            | Г            |               |        | Г  | 94         |                 |                               |   | Τ   |          |                 | T                       |              |             |          | 144      | $\Gamma$ |          | $\Box$   | $\Box$   | Ĺ  | L  |              | L             | Ĺ             |
|   | 45            | T              |            | 十       | Τ            | Т        | Τ            | 1            |               |        |  | 95         |                 |                               |   | T   |          | T               |                         |              |             |          | 145      |          |          | $\Gamma$   | $\Gamma$   |  |  |              |               | Γ             |
|   | 46            | 1              | $\vdash$   | 十       | $\top$       | $\top$   | 1            |              |               |        |  | 96         | 1               |                               | 7   | 1   | T        |                 | $\neg$                  |              |             |          | 146      |          | Γ        | Π  |  | Π  | Π  |              |               | Г             |
|   | 47            | T              |            | 十       | $\top$       | 1        | Т            | 1-           |               | 1::::  |  | 97         |                 |                               | $\top$  | $\top$  | 1        | П               | $\dashv$                |              |             |          | 147      |          |          | Τ  | Π  | Т  |  |              |               | Γ             |
| <b> </b>  | 48            | $t^-$          | $\vdash$   | +       | $\top$       | $\top$   | $\top$       | $\dagger$    | $\vdash$      |        |  | 98         |                 |                               | $\top$  | 十   | Τ        | $\Box$          | $\dashv$                |              |             |          | 148      | T        | Г        | Г  | T  | T  | 1  | Τ            |               | Г             |
| $\vdash$  | 49            | t              | $\vdash +$ | +       | +            | T        | T            | 1            |               | 1      |  | 99         | П               | $\vdash$                      | $\dashv$  | $\top$  | $\top$   | H               | $\dashv$                | <b>-</b>     |             |          | 149      | 1        | Т        | $\top$   | T  | T  | T  | Π            |               | Г             |
| $\vdash$  | 50            | $\vdash$       | $\vdash +$ | +       | +            | +-       | 十            | T            | 1             | 1      | <del>                                     </del> | 100        | T               |                               | $\dashv$  | +   | T        | $\vdash \vdash$ | $\dashv$                | -            |             | _        | 150      | †        | T        | 1  | $\top$   | t٠   |  |              |               | $\vdash$      |
| ш   | 1 30          | Ь              |            | Щ.      |              |          |              |              |               | ]::::: |  | 1,00       |                 |                               |   | <del>-</del>                                      |          |                 |                         |              | ٠.          | _        |          |          | -        | 1  | 1  | -  |  |              | _             |               |